1. (amended) An artificial antigen presenting cell, comprising:

a) a liposome comprising a lipid bilayer;

b) at least one GM-1 molecule disposed in the lipid bilayer;

c) at least a portion of a cholera toxin ß subunit associated with a GM-1 molecule;

d) an immunologically active MHC component loaded with an antigen, wherein the antigen-loaded MHC component is associated with the cholera toxin ß subunit; and

e) an accessory molecule that can stabilize an interaction between a T cell receptor and the antigen-loaded MHC component.

2. (amended) An artificial antigen presenting cell according to claim 1 having a plurality of GM-1 molecules, wherein a portion of the GM-1 molecules form rafts in the lipid bilayer of the liposome.

3. (amended) An artificial antigen presenting cell according to claim 2 wherein the rafts are present in the lipid bilayer at high density.

4. (amended) An artificial antigen presenting cell according to claim 3 further comprising one or more immunologically active molecules each selected from the group consisting of co-stimulatory molecules, adhesion molecules, cell modulation molecules, and combinations of one or more of a co-stimulatory molecule, an adhesion molecule, and a cell modulation molecule.

5. (amended) An artificial antigen presenting cell according to claim 3 further comprising one or more irrelevant molecules each selected from the group consisting of molecules for binding said artificial antigen presenting cell to a solid support, a label, and a combination of support-binding molecules and labels.

6. (amended) An artificial antigen presenting cell, comprising:

a) a liposome comprising a lipid bilayer;

b) at least one GM-1 molecule disposed in the lipid bilayer;

c) at least a portion of a cholera toxin ß subunit associated with a GM-1 molecule;

d) at least one tetravidin molecule associated with the lipid bilayer;

e) an immunologically active MHC component loaded with an antigen, wherein the MHC component is associated with the cholera toxin ß subunit; and

f) an accessory molecule that can stabilize an interaction between a T cell receptor and the antigen-loaded MHC component, wherein the accessory molecule is associated with a tetravidin molecule of (d).

7. (amended) An artificial antigen presenting cell according to claim 6 having a plurality of GM-1 molecules, wherein a portion of the GM-1 molecules form rafts in the lipid bilayer of the liposome.

8. (amended) An artificial antigen presenting cell according to claim 7 wherein the rafts are present in the lipid bilayer at high density.

9. (amended) An artificial antigen presenting cell according to claim 8 further comprising one or more immunologically active molecules each selected from the group consisting of co-stimulatory molecules, adhesion molecules, cell modulation molecules, and combinations of one or more of a co-stimulatory molecule, an adhesion molecule, and a cell modulation molecule.

10. (amended) An artificial antigen presenting cell according to claim 8 further comprising one or more irrelevant molecules each selected from the group consisting of molecules for binding said artificial antigen presenting cell to a solid support, a label, and a combination of support-binding molecules and labels.

B. In the Specification. Please replace the title of the invention with the title below.

(new title) Artificial Antigen Presenting Cells